

Title (en)

COMPOSITIONS HAVING INCREASED CONCENTRATIONS OF CARBOXYMETHYLCELLULOSE

Title (de)

ZUSAMMENSETZUNGEN MIT ERHÖHTEN KONZENTRATIONEN VON CARBOXYMETHYLCELLULOSE

Title (fr)

COMPOSITION AYANT DES CONCENTRATIONS AUGMENTÉES DE CARBOXYMÉTHYLCELLULOSE

Publication

EP 2768864 A1 20140827 (EN)

Application

EP 12783545 A 20121017

Priority

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Abstract (en)

[origin: WO2013057132A1] Embodiments of the present description provide methods for increasing the concentration of carboxymethylcellulose alkali solutions that are particularly suitable for use in a high solids paper coating, barrier materials, etc. Generally described, the method includes dissolving carboxymethylcellulose (CMC) and an alkali salt in water to obtain an alkali solution of CMC. The CMC desirably has a degree of substitution less than about 0.9. The alkali solution of CMC includes CMC in a concentration greater than about 9.8 % by weight, has a pH from about 7.5 to about 11, and is characterized as having a viscosity of less than about 5,000 mPa.

IPC 8 full level

C08B 11/12 (2006.01); **C08J 3/05** (2006.01); **C08J 3/26** (2006.01); **D21H 19/34** (2006.01); **D21J 1/08** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2013057132A1

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